CONTRACT CERTIFICATE

SBR No. 162/14-15
Date: 30/8/14

No. ***First & Final*** (For Other Works) Date:.....2014

Division: **BBMP, Byatarayanapura** Sub-Division: **BBMP, Vidyaranyapura**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....
Sub Divisional **Work Code: 009-14-000058**

Schedule Docket No. Head of Account: **P-1771** **Est.Cost: 3.00 Lakhs** D.R.No. :

Name of Work (as per sanctioned estimate: **Construction of Watchman shad in NTI Park in Ward No. 09, Vidyaranyapura Sub Division.**

Name of Contractor and Full Address: ***Karnataka Rural Infrastructure Development Limited, # 119, 11th Cross Road, Silvestra Arched, 3rd Floor, East Park Road, Malleshwaram, Bangalore - 03.***

Reference to Agreement No. **EE/BTP/BBMP/KRIDL/WO/683/2013-14** **Dated: 05.03.2014**

Certified that the measurements were taken by me on 30/08/2014 and recorded of **Pages** to
of measurement Book No. 2497 and that the work is satisfactorily executed. 3497613—31

Contractor **Officer-in-charge of work**

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Certified that the measurement were taken by me on 30/8 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment **Sub-Division Officer** 30/8

1)	Total value of work done or supplies made as per account within	
2)	Deduct amount to be held in reserve being .....percent Rs.....	
3)	" Balance	
4)	Deduct Payment:	
	a. Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....Amount adjusted towards cash advance recovery of	1st & Final Bill 2,96,068=00
	b. Payments Now made { cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	IT — 5921 — VAT — 11843 — FSD — 14803 — LWF — 2961 — CBT — 296 — Roy — 2000 — Fine — 500 — Total ded — 38324=00
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7)	Net amount due to or from Contractor unadjustments items.	
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted -	By Cheque 257676=00

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore
(For use in the Office)

Witness
1.
2.

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore
Signature of Contractor

Dated
Paid by me by Cheque No.M.....Dated.....
Cash Rs.....
Dated.....

Stamp

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ಗುತ್ತಿಗೆ ಮುಂಗಡ ಮರುವಸೂಲಾತಿ: ಇದುವರೆಗೆ ರೂ 38324=00
ರೂ 257744=00

Initials of Officer making payment **Executive Engineer**

Sl. No.		Unit
1	Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, **in Hard soil** not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods etc complete as per specifications and directions of engineer in charge of the work.	Cum
2	Providing and laying in position **plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs** using **40mm** and down size graded granite metal, corse aggregates @ 0.85 cum and fine aggregtes @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, **in foundation and plinth**, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work.	Cum
3	Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6**, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work.	Cum
4	Providing and constructing granite / trap / basalt size stone masonry in **basement with cement mortar 1:6**, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work.	Cum
5	Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs with 20mm and down size** graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3 lts confirming to IS 9103-1999 reaffirmed-2008 , machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, etc complete as per specifications and directions of engineer in charge of the work.	Cum
6	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour etc complete as per specifications and directions of engineer in charge of the work.	Cum
7	Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing etc complete as per specifications and directions of engineer in charge of the work.	Sqm
8	Providing and laying in position reinforced cement concrete ofmix M20 with OPC cement @ 24kgs, with 12 mm and down size graded granite metal coarse aggregates @ 0.5175 cum and fine aggregates @ 0.345 cum with superplastisiser @ 0.225lts,machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor lever, including cost of all materials, labour, HOM of machinery, curing, etc complete as per specifications and directions of engineer in charge of the work.	Sqm
9	Providing **T.M.T steel reinforcement for R.C.C** work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery etc complete as per specifications and directions of engineer in charge of the work.	Qntl
10	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work.	Sqm
11	Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work.	Sqm
12	Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work.	Sqm
13	Providing and laying **flooring** with M15 cement concrete, 40mm thick using broken granite metal of 20mm and down size laid to line and level in one layer and finish with a floating coat of neat cement , including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work.	Sqm

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	14.67	223.66	3281.09	14.67	3281.09	
-	-	2.20	4211.38	9265.04	2.20	9265.04	
-	-	5.87	3484.22	20452.37	5.87	20452.37	
-	-	3.30	4148.84	13691.17	3.30	13691.17	
-	-	3.94	5535.32	21809.16	3.94	21809.16	
-	-	14.67	99.64	1461.72	14.67	1461.72	
-	-	48.43	907.36	43943.44	48.43	43943.44	
-	-	4.11	405.98	1668.58	4.11	1668.58	
-	-	4.31	7312.94	31518.77	4.31	31518.77	
-	-	18.00	179.99	3239.82	18.00	3239.82	
-	-	66.47	216.03	14359.51	66.47	14359.51	
-	-	53.04	165.36	8770.69	53.04	8770.69	
-	-	18.00	284.08	5113.44	18.00	5113.44	

Sl. No.		Unit
14	Flooring with **25mm to 40mm thick polished Thandur blue stone slabs** using cement mortar 1:6, 25mm thick over existing cement concrete bed or top roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing etc complete as per specifications and directions of engineer in charge of the work.	Sqm
15	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, **roofs**, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work.	Sqm
16	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work.	Sqm
17	Providing and removing centering, shuttering, strutting, propping etc., for **chajjas**, corbels etc., including edges including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work.	Sqm
18	Supply and fixing pressed steel door frames size 125x65 mm manufacture from 1.25mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and sutters made out of seasoned honne wood, styles of 30mm, thick with lock rail of 160mm, width, top and side rails of 100mm, width width and bottom rails of 250 mm width and panel filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be not proof, vermin proof, heat resistant guaranteed against shrinkage, warpage and such other defects for a period of 3 years, this shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting wit enamel paint 2 coats over primer coat, cost of	Sqm
19	Providing & fixing factory made PVC Door frame of size 50x47 mm with a wall thickness of 5mm, made out of extruded 7mm rigid PVC foam sheet metered cut at corners & jointed 2No.s of 150mm long brackets of 15x15 mm M.S. Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size etc complete as per specifications and directions of engineer in charge of the work.	Sqm
20	SOLID PANEL PVC DOOR SHUTTER Providing and fixing 30 mm thick factorily made rigid foam panelled door shutters made from M.S Tuvbe of 19 gauge thickeness size 19x19 mm tro styles and 15x15mm for top and bottom rails, coverted with heat moulded PVC channel of 5 mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rails & bottom rail panelling of 5 mm thick 20mm wide PVC sheet fittled in te M.S Frame sealed to the styless & rails with 5 x 30mm PVC sheet beading on ewither sides & joined together	Sqm
21	Supplying and fixing pressed steel window frame of size 100 x 50mm manufactured from 1.25 mm thick carbon steel or imported steel strips with neat mitred joints at 900 degree for window openings ans shall be suitabe to fix M.S.grills as per design and drawings using 12mm dia rods at 100mm centre to centre Horizontally and two members if M.S flats of 6mmx40mm size at 150mm apart welded into a frame of 6mmx40mm size M.S. flats with 16mm size lugs and 8 Nos of 100 mm size hings 4 Nos of Butt stay pins and 4 Nos Tower bolts and shutters half panelled and halg glazed with shultters amde out of seasoned honne wood styles of 30mm thic bonded with phenol formaldehyde resin and the shutter shall be rot proof vermin proff, heat resistant guaranteed aganist shrinkage, warpage and such other defects for periof of 3 years this shall be as per approved drawing	Sqm
22	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foregin matter including preparing the surface even and sand paper smooth, cost of materials, labours, etc complete as per specifications and directions of engineer in charge of the work.	Sqm
23	Providing and finishing external walls in tow coats with water proof cement paint of approve brand and shade to give an even shade after thourghly brooming the surface to remove all dirt and losse powdered material, free from mortar dops and other foreign matter cost of materials, labours, etc complete as per specifications and directions of engineer in charge of the work.	Cum
24	Providing and fixing in wall surface 2.5 kg/sq.cm H.D.P.E. rain down water pipes 90 mm outer dia approved make and brand with necessary specials like shoes bends and offsets fixed with iron clamps, walls plugs, screws, including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work.	m
25	Supplying and running of I/Copper stips for grounding connectors, using necessary fixing materials as required A) Strip Size 25x03mm (P. 67 / I9a etc complete as per specifications and directions of engineer in charge of the work.	Mtrs
26	Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, screws at an intervals of 300mm etc as required (P. 10 / I 24b etc complete as per specifications and directions of engineer in charge of the work.	Mtrs

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	19.80	1017.60	20148.48	19.80	20148.48	
-	-	18.00	284.08	5113.44	18.00	5113.44	
-	-	9.78	239.56	2342.90	9.78	2342.90	
-	-	4.11	242.74	997.66	4.11	997.66	
-	-	1.89	3710.00	7011.90	1.89	7011.90	
-	-	1.58	545.90	862.52	1.58	862.52	
-	-	1.58	3343.24	5282.32	1.58	5282.32	
-	-	2.43 2.25	4028.00	9788.04 9063	2.43 2.25	9788.04 9063	
-	-	84.47	59.36	5014.14	84.47	5014.14	
-	-	53.04	78.44	4160.46	53.04	4160.46	
-	-	6.00	415.52	2493.12	6.00	2493.12	
-	-	1.00	110.00	110.00	1.00	110.00	
-	-	15.00	39.00	585.00	15.00	585.00	

Sl. No.		Unit
27	Supplying and fixing of 6/16/32 A electrical accessories on existing switch board, Make Group A (Lisha, Anchor, Cona, ELLE, GM) a) 16 A S.P Switch (P. 47/ I. 35 I1) etc complete as per specifications and directions of engineer in charge of the work.	Each
28	b) 16A 3 Way 5 pin Socket (P.47 / I 35 J1	Each
29	Supplying and fixing of special tube lamps A) 13/15 Watts CFL (P. 43 / 21f) etc complete as per specifications and directions of engineer in charge of the work.	Each
30	Supplying and fixing miniature circuit brackers on existing MCB distribution boards using necessary fising materials and wiring complete as required Make ABB Seimens, Legand, L&T MG a) 5-32 A Single Pole etc complete as per specifications and directions of engineer in charge of the work.	Each
31	Wiring for lighting / Power circuit using one of PVC insulated 1100 v grade multi strands and copper conductor single core cable in open or consealed system ofwiring Make Group B b) 2.5 Sqmm etc complete as per specifications and directions of engineer in charge of the work.	Mtr
32	INSULATED CABLE ON MESSENGER WIRE Using 2 single core wires for a single phas and 4 single core wies for 3 phase supplying and stringing PVC insulated and PVC sheathed 650/1100V class aluminium conductor of size supported by 3.15mm (10 SWG) GI messenger wire with two breaks insulators, on be provided for each wire the messanger wire shall be bed-ended on the clamp provided to the departmental pole wide item No. 4 above etc complete as per specifications and directions of engineer in charge of the work.	Mtr
33	Supplying and Fixing of HRC fuse units base on existing switch fuse base A) upto 32 Amps etc complete as per specifications and directions of engineer in charge of the work.	Each
34	Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580m with footrests, 100 mm S or P trap, (approved make) cutting and making good the wall and floor wherever required, including cost of materials, labour etc complete as per specifications and directions of engineer in charge of the work.	Pan
35	Providing and fixing white vitreous china clay, flat back wash basin of size 630x450mm with pair of 15mm C.P brass pillar taps with C.I./M.S. brackets, 32mm C.P. brass waste of standard pattern, painting of fitting and brackets ,cutting and making good the wall and floor wherever required, including cost of materials, labour etc complete as per specifications and directions of engineer in charge of the work.	Unit
36	Providing and fixing to wall, ceiling and floor, low density poluethylene pipes kgs/sq.cm working pressure **32mm** outside diameter, compression type fittings, wall clips, making good the wall ceiling and floor cost of materials, labour charges HOM of equipments and testing exeluding cost of fittings,etc complete as per specifications and directions of engineer in charge of the work.	Rmtr
37	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads etc complete as per specifications and directions of engineer in charge of the work.	Each
38	Providing colour glazed tiles of size 10mm thick for flooring, treads of steps and landing, laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing using white cement with matching colour pigment, including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work.	Sqm
39	Providing skirting, dado, rises of steps with Colour glazed tiles 15x15cms 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface white should be measured and paid separately) using glazed tiles of approved make and size of materials, labour, etc complete as per specifications and directions of engineer in charge of the work.	Sqm
40	Supppying water storage tanks made of virgin polymer (LLDPE) with two layers outer black of blue and inner white layer of approved quality and make, conforming to ISI / ISO / SSI etc complete as per specifications and directions of engineer in charge of the work.	L
	Total	
	Add Third Party Inspection Charges @ 1%	
	Add KRIDL Applicable Taxes and Service charge @ 11%	
	Grand Total	

CERTIFICATE :

1. Certified that the above work done satisfactory and no materials issued from departmentally.

30/08

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	4.00	80.00	320.00	4.00	320.00	
-	-	3.00	85.00	255.00	3.00	255.00	
-	-	2.00	170.00	340.00	2.00	340.00	
-	-	1.00	200.00	200.00	1.00	200.00	
-	-	5.00	18.00	90.00	5.00	90.00	
-	-	10.00	45.00	450.00	10.00	450.00	
-	-	1.00	120.00	120.00	1.00	120.00	
-	-	1.00	1318.64	1318.64	1.00	1318.64	
-	-	1.00	3773.60	3773.60	1.00	3773.60	
-	-	30.00	152.39	4571.70	30.00	4571.70	
-	-	4.00	192.44	769.76	4.00	769.76	
-	-	1.80	882.98	1589.36	1.80	1589.36	
-	-	8.64	926.44	8004.44	8.64	8004.44	
-	-	500.00	6.36	3180.00	500.00	3180.00	
				267467.30		267467.30	
				2674.67		2674.67	
				29421.40		29421.40	
				299563.37		299563.37	

267467.30 266728/ 267467.30 266728=
2674.67
29421.40 29340/ 29421.40 29340=
299563.37
29,60,68= 2,96,068=00

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